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## PHOTOGRAPHIC INTERPRETATION REPORT

SA-2 SAM TRAINING FACILITIES  
IN THE USSR

CIA



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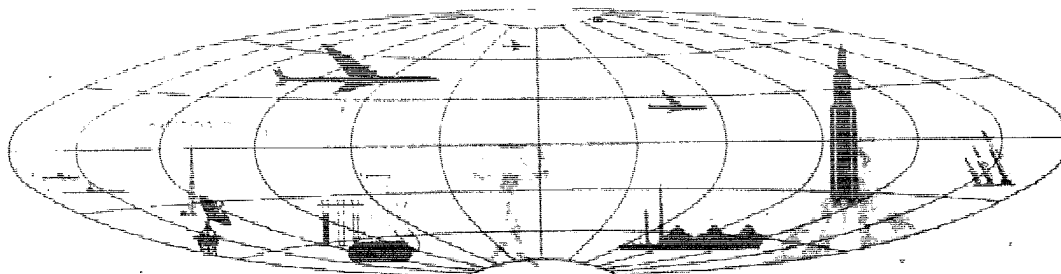
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## DECLASSIFICATION REVIEW BY NIMA / DoD

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# SA-2 SAM TRAINING FACILITIES IN THE USSR

## INTRODUCTION

Five SA-2 SAM training facilities have been identified on photography of the USSR (Figure 1), and this report is concerned with a description of these facilities (Table 1).

Table 1. SA-2 Training Facilities

Facility	Coordinates
Leningrad, Northeast	60-07N 30-59E
Leningrad, Southwest	59-33N 29-56E
Kordon	47-24N 48-08E
Sary Shagan	45-26N 73-24E
Kapustin Yar	48-34N 45-54E

## LENINGRAD SAM TRAINING FACILITY, 25X1A NORTHEAST

This facility, [REDACTED], has two SA-2 training sites. It is located in an isolated area at 60-07N 30-59E, 23 nautical miles (nm) east-northeast of Leningrad, and 3 nm from the shore of Lake Ladoga (Figure 2). It is served by an access road from the Leningrad SAM ring road. Aside from a probable guard shack at the entrance to the access road, no security measures have been observed, although ground scarring on two sides of the compound may be fencing.

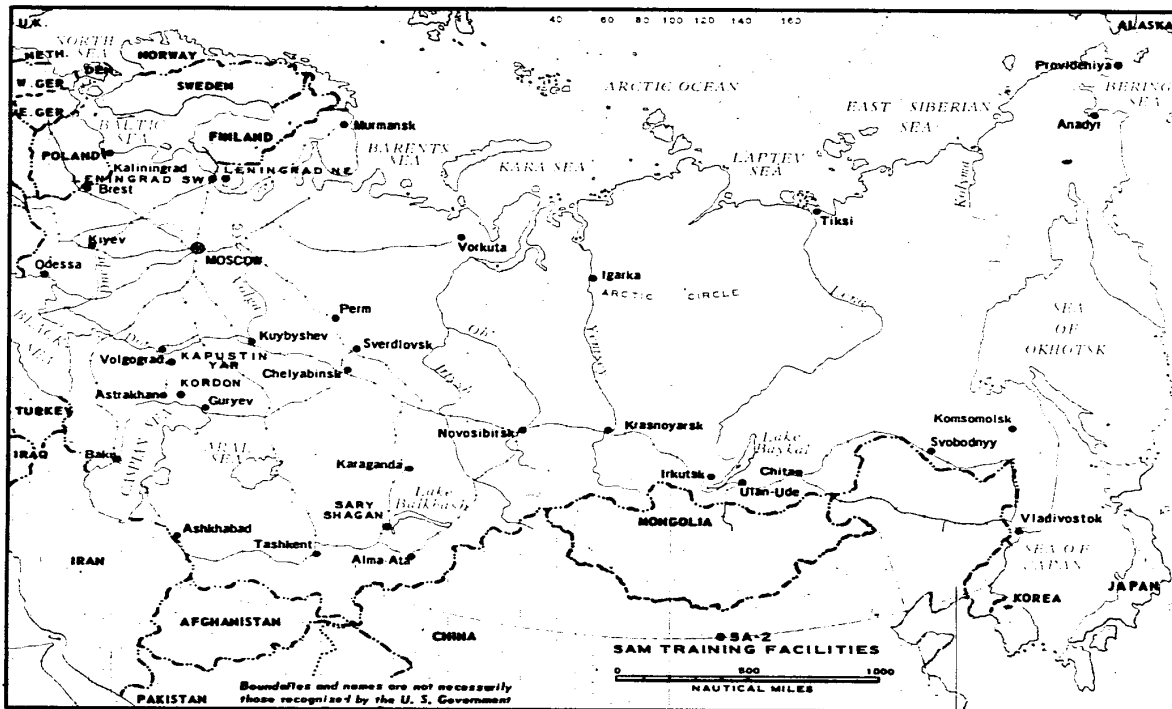


FIGURE 1. LOCATION OF SA-2 SAM TRAINING FACILITIES IN THE USSR.

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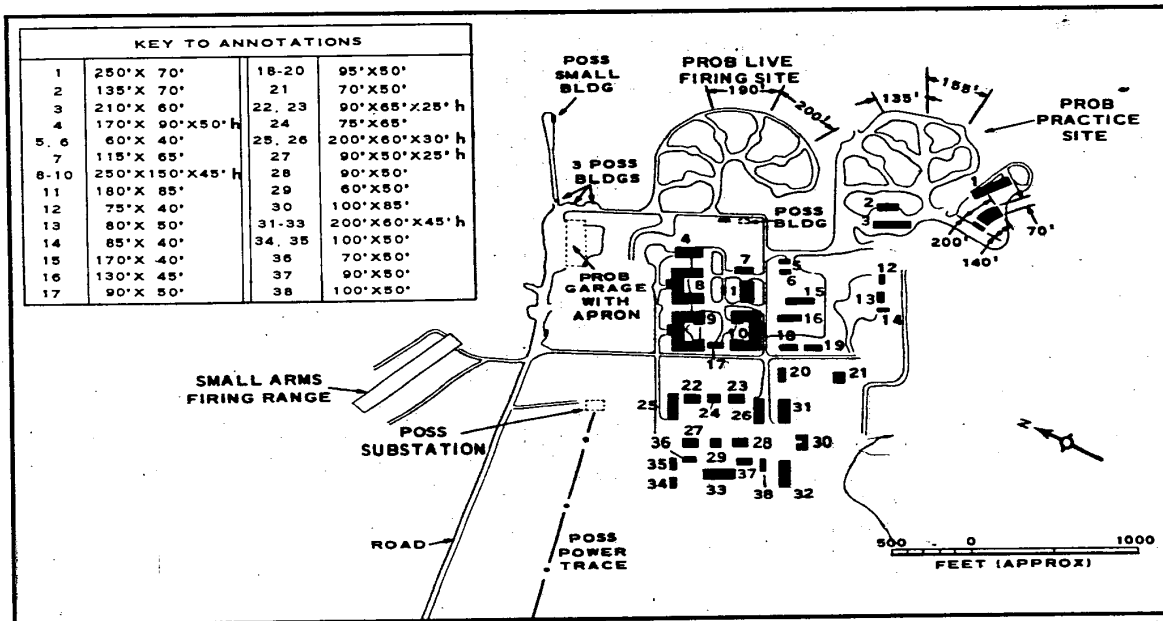
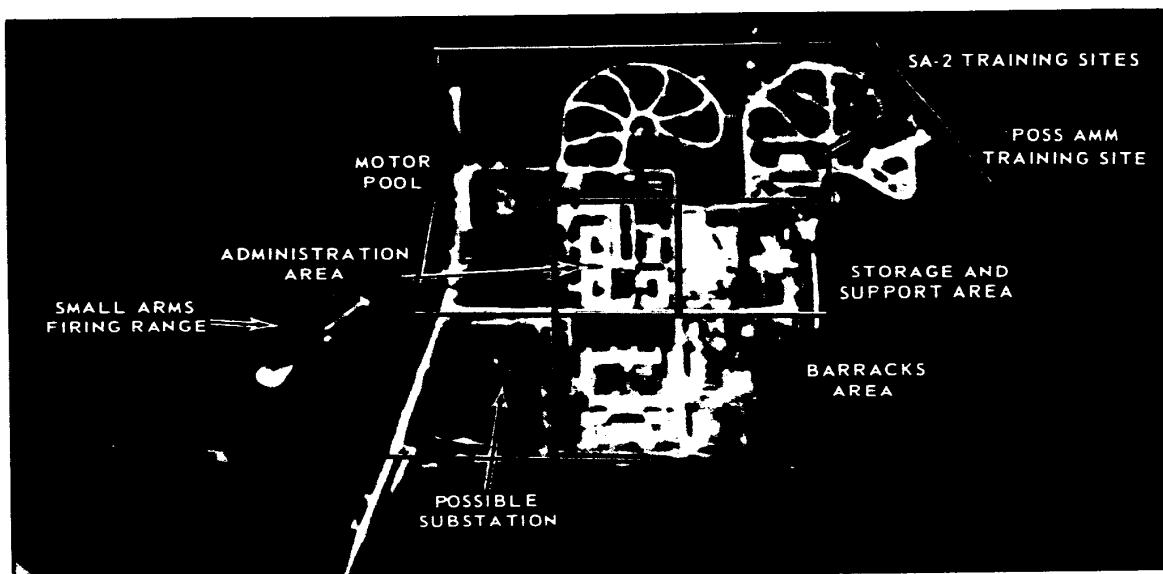


FIGURE 2. LENINGRAD SAM TRAINING FACILITY, NORTHEAST.

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25X1D

First identified in semidarkness on very small scale, hazy photography in [REDACTED] only the access road, the outline of two SA-2 sites, and a suggestion of two groups of buildings were visible. This facility has not changed since [REDACTED].

25X1D

Initially the facility could be identified only as an SA-2 training center. However, an area adjacent to the SA-2 practice sites was identified on photography of [REDACTED] as corresponding quite closely to a segment of the probable AMM sites near Leningrad and to the AMM R & D sites at Sary Shagan. Moreover, the presence of a distinctive curved building, of the same size as those at the operational and practice sites referred to above, has been established. Inasmuch as Leningrad is the only place with deployed AMM sites, this would be a logical place for such training. 1/

25X1D

Leningrad SAM Training Facility, North-east, covers approximately 320 acres and consists of the following areas (Figure 2):

Administrative Area. This area contains three large, multistory U-shaped probable classroom buildings; a possible practical instruction building; and three administrative buildings, one of which may house officers of the school staff.

Barracks Area. There are 5 large multistory enlisted men's barracks, two of which possibly house the school staff; 11 smaller barracks, possibly for NCOs, officers, and administrative support; and one U-shaped administration building in this area.

Storage and Support Area. Two large buildings are possibly used for storage, and nine smaller buildings are probably used for maintenance, repair, supply, and personnel services. There is a possible standpipe near the largest building.

SA-2 Training Sites. Dimensions and locations of the two fan-shaped SA-2 sites

indicate that the larger is probably used for live firings over Lake Ladoga, whereas the smaller probably is used only for practice such as loading and unloading missiles. There are two large and at least one small buildings immediately associated with the training sites.

Possible AMM Training Site. This area has been reported on previously. 1/

Motor Pool Area. Details are obscure, but there appear to be a large, one-story probable garage, five small possible buildings, and a large parking apron which could accommodate missile trailers.

Possible Substation. This rather large area contains a small clearing with a small possible transformer shack.

The quality of the photography prevents identification of associated electronics. Various ground scars at and around the site can be only generally attributed to power, communications, security, and possible drainage.

#### LENINGRAD SAM TRAINING FACILITY, SOUTHWEST

This facility is located at 59-33N 29-56E, 25.5 nm south-southwest of Leningrad, and one nm north-northeast of one of the city's major SAM assembly and storage facilities. The area, encompassing approximately 220 acres, is road served and secured by a single fence. At least three probable guard towers are visible.

There is a striking similarity between this and the Northeast facility in the design, number, and layout of the buildings. Measurements of the SA-2 site itself correspond closely to those of the smaller one at the Northeast facility believed to be used only for practice exercises. It is probably not operational inasmuch as the general density of population in the surrounding area would preclude safe live firings. No apparent changes have occurred since early [REDACTED]

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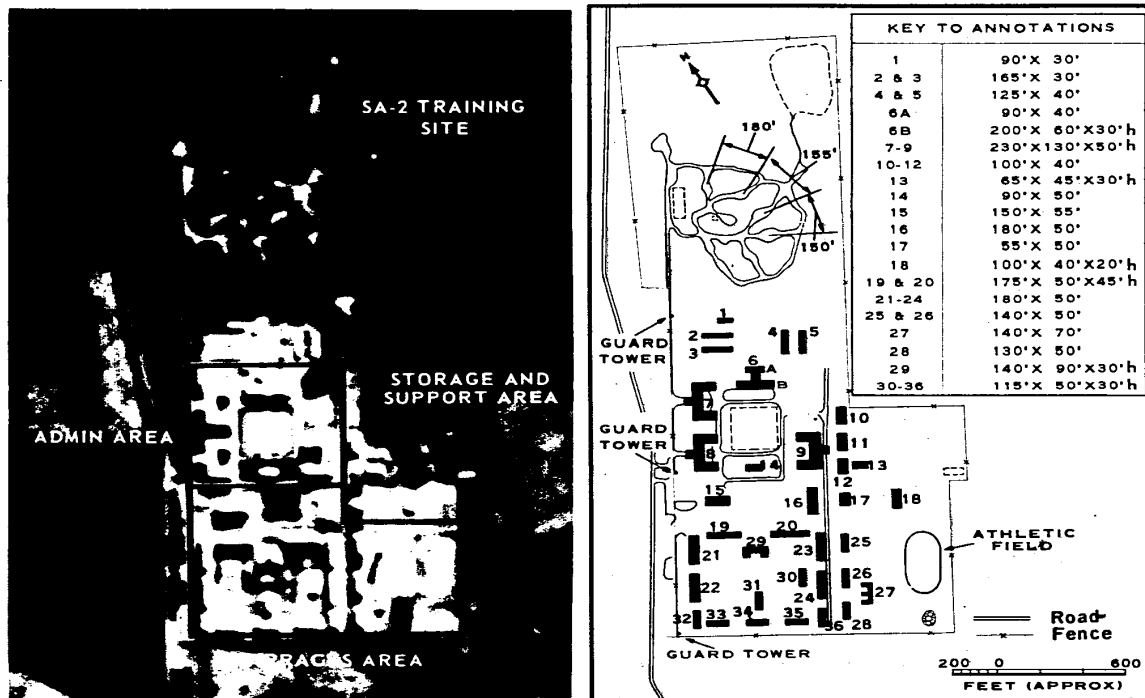


FIGURE 3. LENINGRAD SAM TRAINING FACILITY, SOUTHWEST.

The facility consists of the following areas (Figure 3):

**Administrative Area.** This area contains three large multistory U-shaped probable classroom buildings; a small, possible practical instruction building; and an administration building which may also serve as living quarters for officers of the staff.

**Barracks Area.** In this area there are two administrative buildings, one U-shaped and one E-shaped; two possible administrative support buildings; eight large multistory barracks; 2 medium-size multistory barracks possibly for the school staff; and six small multistory barracks. There is also an athletic field to the southeast.

**Storage and Support Area.** An irregular area contains six small buildings which are probably used for maintenance, repair, supply, and personnel services; two large possible storage buildings; a possible heating plant; two probable garages; and a probable motor vehicle maintenance shed.

**SA-2 Training Site.** In addition to the probable dry-fire SA-2 training site, there is one large probable building which could function as a missile assembly building and/or garage, and one small possible building. There is also a small clearing which may contain several small buildings. Its function is presently undetermined.

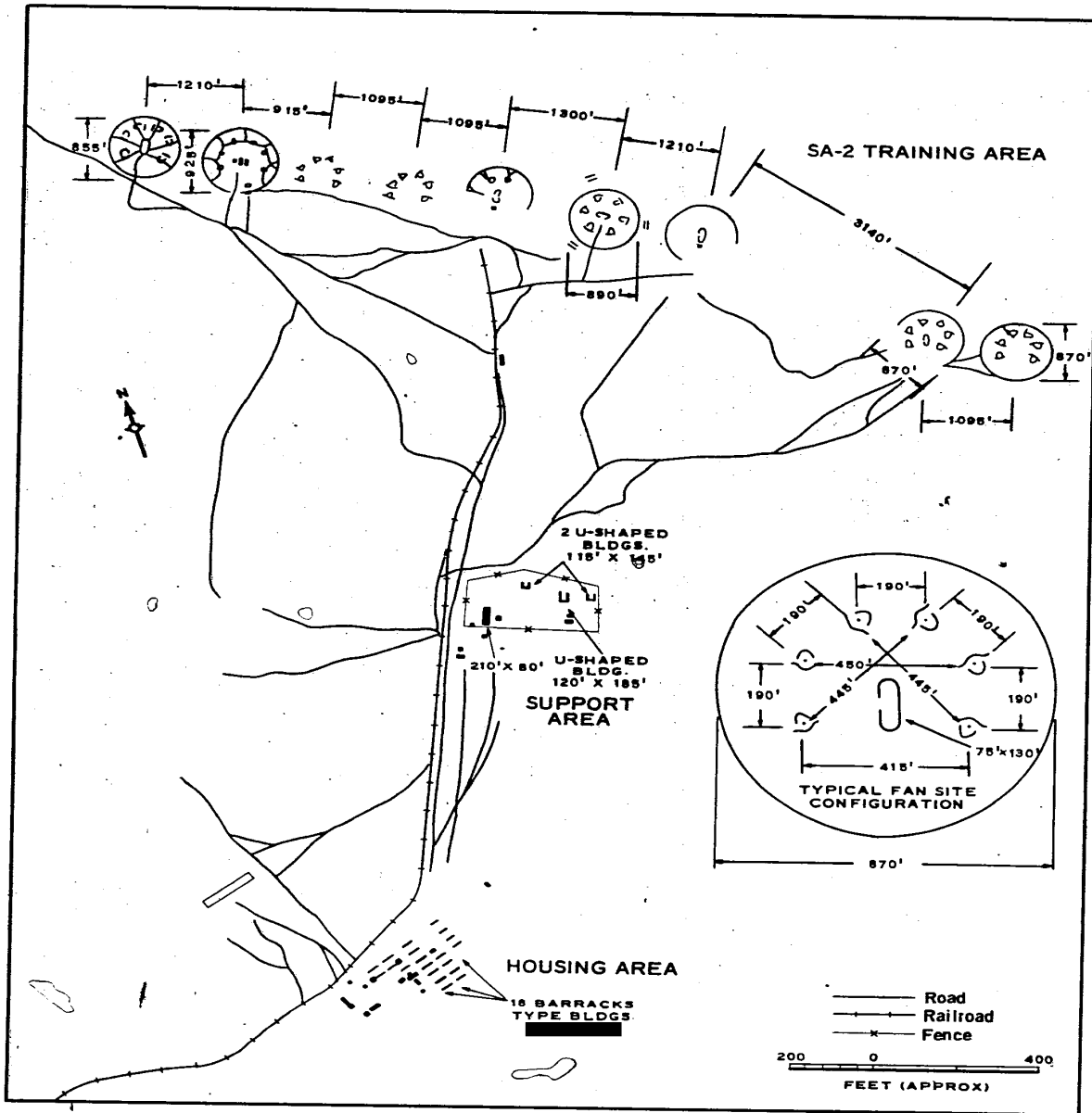


FIGURE 4. LAYOUT OF KORDON SAM TRAINING FACILITY.

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FIGURE 5. KORDON SAM TRAINING FACILITY, [REDACTED]

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**KORDON SAM TRAINING FACILITY**

25X1A

The Kordon SAM training facility, BE [REDACTED] is located 12 nm east of Kordon and 100 nm southeast of the Kapustin Yar/Vladimirovka Missile Test Center (KYMTC). The Kordon facility has been previously reported, 2/ but additional measurements are given in Figure 4. The installation is shown on KEYHOLE photography of [REDACTED] Figure 5.

25X1D

**SARY SHAGAN SAM TRAINING FACILITY  
AND KAPUSTIN YAR SAM FACILITIES**

25X1D

The Sary Shagan SAM training facility has been covered through [REDACTED] in previous

reports. 3/ 4/ Subsequent photography reveals no significant changes, merely the addition of two probably barracks in the support facility.

The SA-2 SAM facilities at the KYMTC are covered in a report which includes the latest photography available. 5/

**SEARCH OF THE NOVOSIBIRSK AREA**

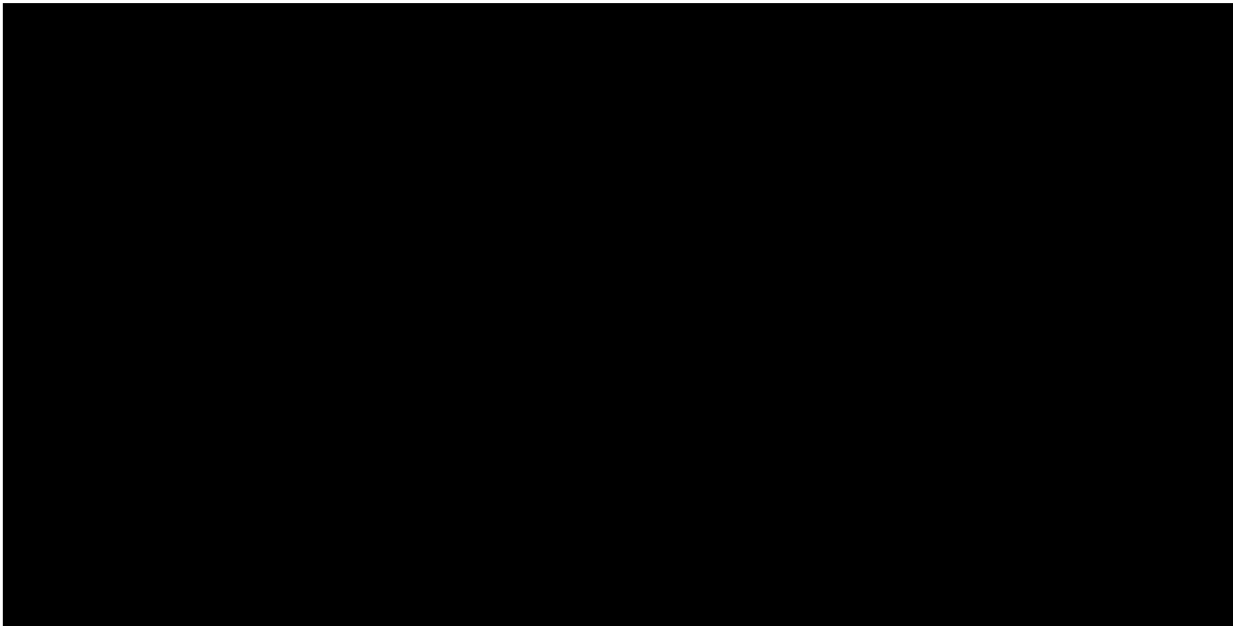
A SAM school and missile range have been reported in the Novosibirsk area as late as [REDACTED]; however, a search of all available photography revealed no identifiable SAM training activity within a radius of 30 nm of Novosibirsk.

25X1D

**REFERENCES**

**PHOTOGRAPHY**

25X1D



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3. NPIC. R-3/63, SAM Training Center South of Sary Shagan, USSR, Jan 63 (TOP SECRET CHESSE RUFF)
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REQUIREMENT

CIA. RR/54/63

25X1D

NPIC PROJECT

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